

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114.

2. Applicant's submission filed on April 27, 2011 has been entered.

Therefore Claims 6,8,9,11, and 12 as amended by the amendment of 07/1'2/10 and claims 1-5,7, 10, 12-14, 16-18 and presently newly added claims 19-21 re currently pending in the Application.

4. Claim 15 has been cancelled.

### ***Information Disclosure Statement***

The IDSs filed on 04/06/06 and 04/27/11 have been considered and the initialed PTO-1449s made of record.

### ***Allowable Subject Matter***

Claims 1-14 and 16-21 are allowed.

The following is an examiner's statement of reasons for allowance:

The applied prior art of record does not disclose the presently newly added limitations of independent claims 1 to 4, a LCD device including the a gate electrode comprising a chained metal body of nanoparticles over the one of the pair of substrates .

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to STEVEN H. RAO whose telephone number is (571)272-1718. The examiner can normally be reached on 8.30-5.30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on 571-272-1714. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Steven H Rao/  
Examiner, Art Unit 2814

/Howard Weiss/  
Primary Examiner, Art Unit 2814